

ABSTRACT

5       The present invention is directed towards a focus-position compensator for reducing  
focus variations on a microlens array. The focus-position compensator comprises a plurality  
of tiles that are affixed to a structure disposed between the lenslets of the microlens array and  
the target of the collimated light from the lenslets. Each tile refractive index and tile thickness  
is chosen to obtain a tile focus-position correction that will apply to a region of the microlens  
10   array.